

"Express Mail" mailing label number EV 653 877 184 US

Date of Deposit: August 22, 2005

CASE NO. 56/427

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:)
)
Norbert Kerner et al.)
) Group Art Unit: 2125
Serial No.: 10/757,376)
) Examiner: Garland, Steven R.
Filed: January 14, 2004)
)
For: CONTROL STRUCTURE FOR)
THE ACTIVE DAMPING OF)
LOW-FREQUENCY)
OSCILLATIONS IN)
NUMERICALLY CONTROLLED)
MACHINE TOOLS)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with Applicants' duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicants hereby submit the following reference for consideration by the Examiner. In particular, the requirements of 37 C.F.R. § 1.97(c) have been satisfied as shown by the payment of the fee of \$180 as set forth under 37 C.F.R. § 1.17(p). Only copies of German Reference No. 196 34 923 A1 and WIPO Reference No. WO 02/0077484 are enclosed. A copy of WIPO Reference No. WO 01/23967 was previously supplied with Applicants' Information Disclosure Statement filed on March 12, 2004 and so a copy is not

required in the present submission. Copies of the cited U.S. Patents and U.S. Patent Application Publication are not being supplied pursuant to the amendment of the rules presented in the U.S. Patent and Trademark Office Official Gazette Notice dated October 12, 2004. A completed copy of Form PTO-1449 is enclosed.

I. DISCLOSURE

A. U.S. Patents

<u>Patent No.</u>	<u>Inventor</u>	<u>Patent Date</u>
6,216,047 B1	Goto	04/10/01

B. U.S. Patent Application Publications

<u>Publication No.</u>	<u>Inventor</u>	<u>Publication Date</u>
US 2002/0099475 A1	Spangler et al.	07/25/02
US 2002/0191661 A1	Morton et al.	12/19/02
US 2003/0040818 A1	Pletner et al.	02/27/03
US 2004/0022292 A1	Morton et al.	02/05/04
US 2004/0037338 A1	Morton et al.	02/26/04

B. Foreign Patents

<u>Reference No.</u>	<u>Country</u>	<u>Pub. Date</u>
196 34 923 A1	Germany	03/05/98
WO 01/23967 A1	WIPO	04/05/01
WO 02/077484 A2	WIPO	10/03/02

II. DISCUSSION

A. U.S. Patent No. 6,216,047

The '047 patent was designated as an X-type and an A-type reference in a Search Report for a corresponding European patent application. An X-type reference is pertinent when taken alone. An A-type reference provides technical background and is not pertinent to patentability.

B. German Reference No. 196 34 923

Based solely on the drawings and the attached English language Abstract, the '923 patent reference appears to disclose a method of regulating the torque of a motor shaft using a weakening field for speed variation or active damping.

The '923 patent reference was designated as an X-type reference in a Search Report for a corresponding European patent application.

C. WIPO Patent Reference No. WO 01/23967

The pertinence of the '967 patent reference is discussed at page 3 of Applicants' Specification. Based solely on the drawings and the previously filed English language Abstract, the '967 patent reference appears to disclose a position controller that uses a second order reference model in a regulator.

The '967 patent reference was designated as an A-type and a D-type reference in a Search Report for a corresponding European patent application.

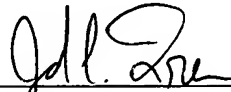
D. WIPO Patent Reference No. WO 02/077484

The '484 patent reference was designated as an X-type reference in a Search Report for a corresponding European patent application.

III. CONCLUSION

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicants wish to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicants' desire, however, to have these references available in the record for both the Examiner and the public to see. Applicants therefore request that the Examiner review the entire disclosure of each reference and make the above-listed references of record.

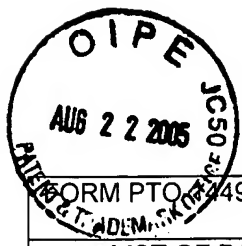
Respectfully submitted,



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Dated: August 22, 2005



FORM PTO 449	SERIAL NO. 10/757,376	CASE NO. 56/427
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE January 14, 2004	GROUP ART UNIT 2125
(use several sheets if necessary)	APPLICANT(S): Norbert Kerner et al.	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	6,216,047 B1	04/10/01	Goto		

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A2	US 2002/0099475 A1	07/25/02	Spangler et al.		
	A3	US 2002/0191661 A1	12/19/02	Morton et al.		
	A4	US 2003/0040818 A1	02/27/03	Pletner et al.		
	A5	US 2004/0022292 A1	02/05/04	Morton et al.		
	A6	US 2004/0037338 A1	02/26/04	Morton et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A7	196 34 923 A1	03/05/98	Germany		Yes
	A8	WO 01/23967 A1	04/05/01	WIPO		No
	A9	WO 02/077484 A2	10/03/02	WIPO		No

OTHER ART – NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL	(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.
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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.